

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001396**Date Inspected:** 18-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Bill Oaks**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:****Bridge No:** 34-0006**Component:** OBG Components**Bid Item:****Lot No:** B-278**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) S. Manjunath. Math was present during the times noted above for observations relative to the work being performed.

Inspection for Surface Preparation and/or Coating Application.

Quadrat and L-Splices Inspection Request No. 2265

A joint two party inspection was performed by ABF QA's and Caltrans QA for the following items at Blasting Shop No. 2.

Quadrat and L Splice

GGL-MQ-1413-1= 20 Nos.

GGL-MQ-1413-2=20 Nos.

X3P = 860 Nos.

Inspection Conclusions: Accepted after minor re-blasting by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

CB1 Inspection Request No. 2266

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A joint two party inspection was performed by ABF QA's and Caltrans QA for the following items at Blasting Shop No. 2.

CB1 Splice

X103E = 32 Nos.

X103J = 23 Nos.

Inspection Conclusions: Accepted by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

OBG External Surface Inspection Request No. 2267

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG External Surface for Lift 1 West at OBG Trial Assembly yard.

Inspection Conclusions: Rejected as HS 200 incomplete at the time of Inspection by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

OBG External and Internal Inspection Request No. 2268

A joint two party inspection was performed by QA's and Caltrans QA for the OBG External Top Deck connection weld seam and OBG Internal connection weld seam partial for Lift 1 West at OBG Trial Assembly yard for final acceptance before loading on ship (Zhenhua No. 17).

Inspection Conclusions: Rejected by ABF QA's as further areas require surface preparation and blasted left over abrasive must be removed before primer application and Caltrans QA concurred with the ABF QA's Inspection.

OBG External Surface Inspection Request No. 2269

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG External Top Deck connection weld seam and OBG Internal connection weld seam partial for Lift 1 West at OBG Trial Assembly yard for final acceptance before loading on ship (Zhenhua No. 17).

Inspection Conclusions: Accepted by ABF QA except Top Deck which requires repair form Ultrasonic Tested Areas and Caltrans QA's concurred with the ABF QA's Inspection.

Suspender Brackets External Surface Inspection Request No. 2270

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Suspender Brackets External Surface for Surface preparation prior to applying Finish Coat at Painting workshop No. 2.

Inspection Conclusions: Rejected by ABF QA's as Suspender Brackets were not ready for Inspection and Caltrans QA concurred with the ABF QA's Inspection.

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OBG Connection weld seam internal Inspection Request No. 2271

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Connection weld seam internal for Lift 1 East at OBG Trail Assembly Area.

Inspection Conclusions: Accepted by ABF QA's after cleaning the Surface and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Entire Ceiling Inspection Request No. 2272

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG Internal Entire Ceiling, Floor Beams and Corner unit from Panel Point (PP) 12 and PP 13 centre section and PP 10 to PP 12 for Final Inspection before loading on the Ship (Zhenhau 17).

Inspection Conclusions: Panel Point (PP) 10 to PP 11 Centre not checked, assembling Splice Plates at Field Splice some Splice plates have edge that require repair. Remaining ceiling sections acceptable by ABF QA's and Caltrans QA concurred with the ABF QA's Inspection.

Suspender Bracket External Surface Inspection Request No. 2273

A joint two party inspection was performed by ABF QA's and Caltrans QA for the Suspender Brackets External Surfaces. Suspender Brackets were identified as SB16W and SB26W for Surface Preparation prior to applying Finish Coat.

Inspection Conclusions: Accepted by ABF QA's after masking mud crack and wet paint areas and Caltrans QA concurred with the ABF QA's Inspection.

OBG Internal Entire Floor Inspection Request No. 2275

A joint two party inspection was performed by ABF QA's and Caltrans QA for the OBG internal entire floor from the weld seam to Panel Point (PP) 24 to PP 25, PP 25 to PP 26, PP 26 to PP 27 and from PP 27 to PP 28 for Lift 4 East.

Inspection Conclusions: Rejected by ABF QA's as Caulking was incomplete and Caltrans QA concurred with the ABF QA's Inspection.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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Inspected By:	Math,Manjunath	Quality Assurance Inspector
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Reviewed By:	Miller,Mark	QA Reviewer
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